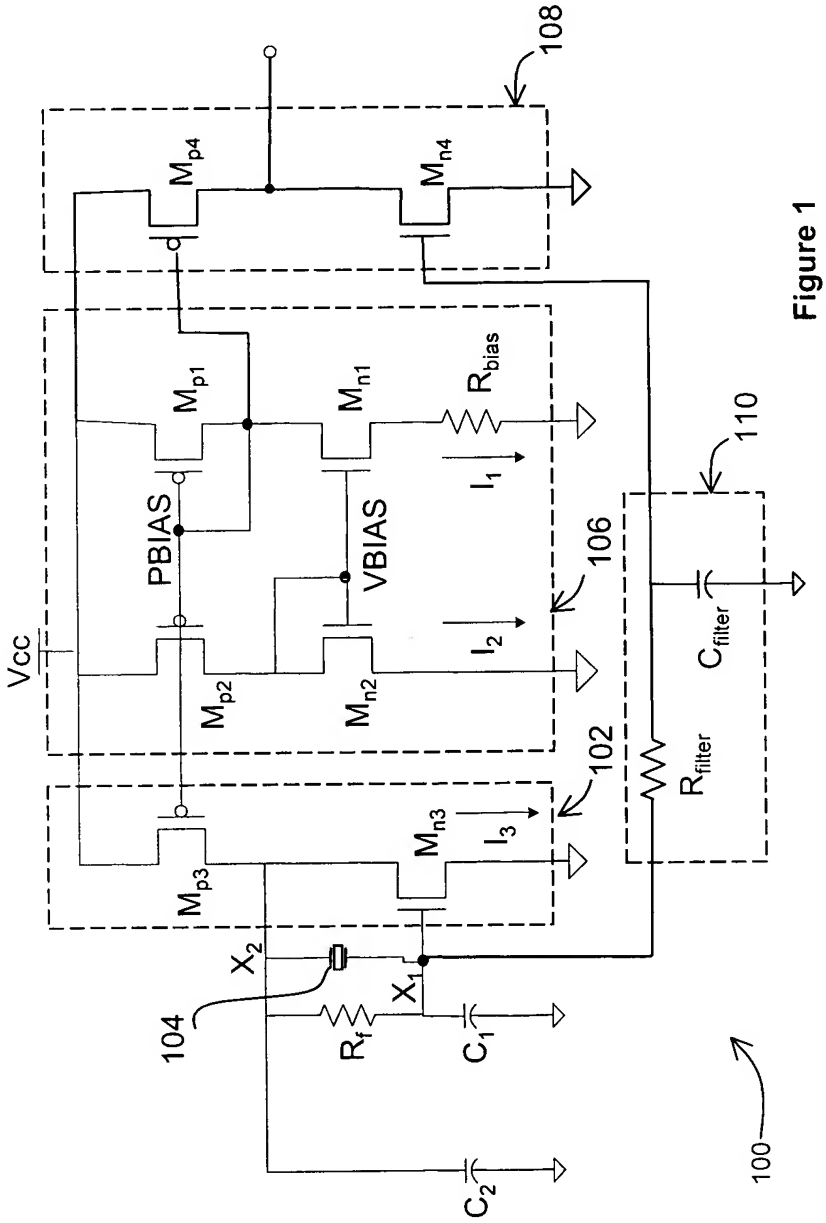
108
M_{p4}
M_{n4}
M_{p1}
M_{n1}
R_{bias}
110
PBIAS
VBIAS
I_1
106
I_2
Vcc
M_{p2}
M_{n2}
C_{filter}
R_{filter}
102
M_{n3}
I_3
M_{p3}
X_2
X_1
104
R_f
C_1
C_2
100

Figure 1

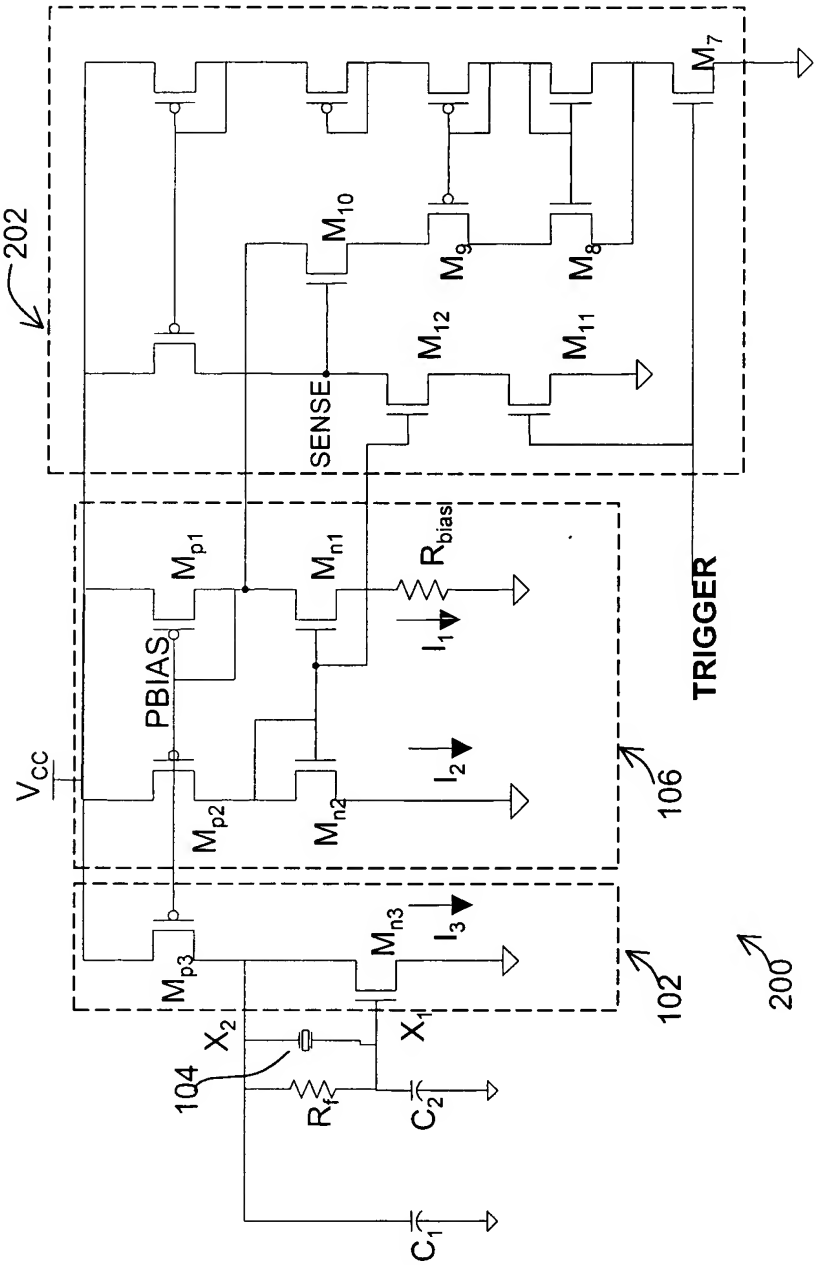
202
M7
M10
M9
M8
M12
M11
SENSE
TRIGGER
Mp1
Mn1
Rbias1
PBIAS
I1
I2
Vcc
Mp2
Mn2
106
Mn3
I3
Mp3
102
200
X2
X1
104
Rf
C2
C1

Figure 2

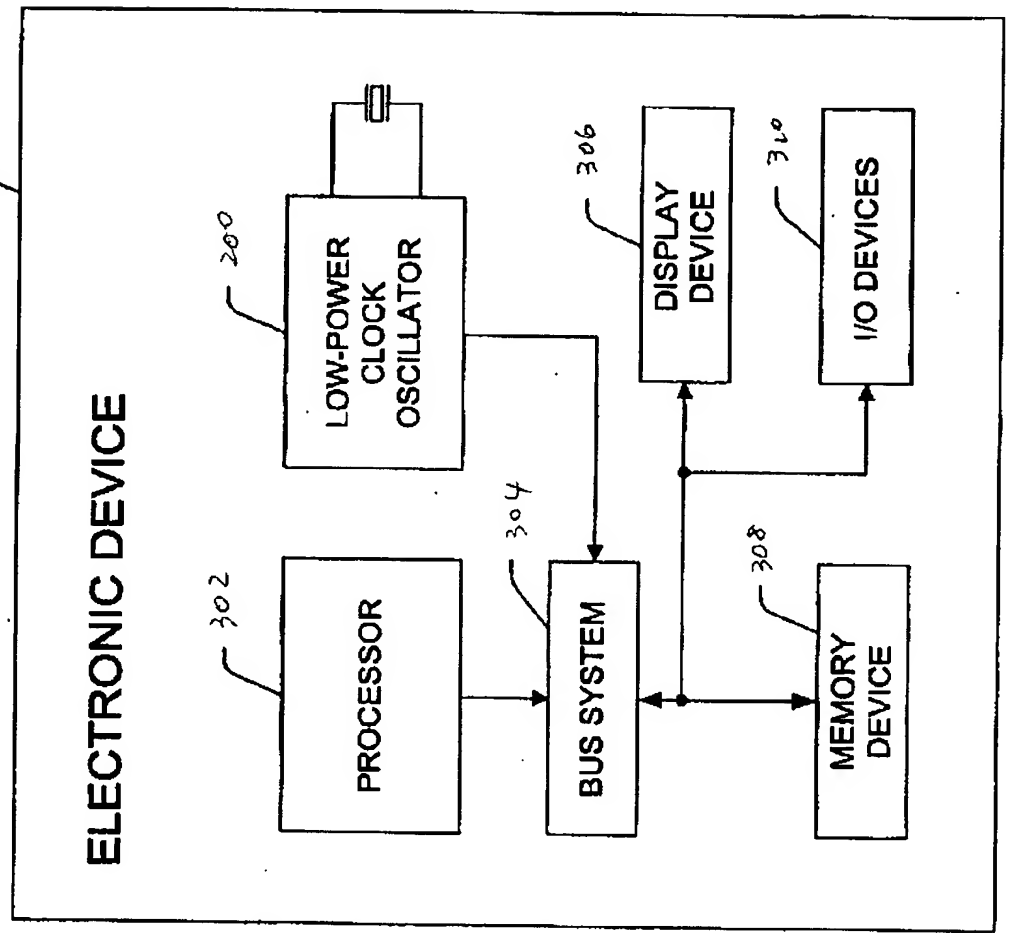
300
ELECTRONIC DEVICE
200
LOW-POWER CLOCK OSCILLATOR
306
DISPLAY DEVICE
310
I/O DEVICES
302
PROCESSOR
304
BUS SYSTEM
308
MEMORY DEVICE

FIG. 3